Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 16 Oct 2023 until 23:59 on Tuesday 17 Oct 2023

Forecast Issued on Monday 16 Oct 2023 at 00:14

Confidence: High becoming Medium for the ingress of rain from Wednesday and Low by Friday.

Headline for Monday 16 Oct 2023: Dry and bright with a chilly start.

Mountain weather hazards on Monday 16 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Monday 16 Oct 2023

Weather: A cold start, with any early mist or fog patches and frost clearing during the morning. Then a dry and bright day with sunny spells, although the sunshine could be hazy under high cloud. Staying dry with clear spells in the evening. Risk of freezing fog patches forming overnight.

Chance of cloud-free hill tops above 600m: 95% or more

Low Cloud and visibility: No significant cloud expected, although some very brief deteriorations possible in the morning as overnight fog lifts. Visibility very good, except in any early mist or fog in the Dales.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Monday 16 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/5 SE	4/5 SE	6/9 S	6/9 SE	6/10 SE	5/11 E	5/11 E
300	1/4 E	1/5 SE	5/8 S	5/9 SE	3/8 E	4/10 E	4/8 E
Valley	3/4 E	2/5 E	3/6 S	3/7 SE	4/8 E	5/10 E	5/11 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/2	4/3	6/4	6/4	4/2	3/1	2/-0
300	3/2	6/5	8/7	9/8	4/3	3/1	2/0
Valley	5/4	7/7	10/9	10/10	6/5	5/3	4/2
Freezing Level*	1100m	1000m	1100m	1100m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling chilly out of the sun. Temperatures lower in the valleys around dawn with a frost possible.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 16 Oct 2023	0mm	1.8mm	8.2mm

Forecast for Tuesday 17 Oct 2023

Weather: Clear spells overnight with patchy mist, freezing fog and frost possible in the Dales. Mist, fog and frost clearing during the morning. This will lead to another dry and bright day with any sunshine rather hazy. Perhaps some low cloud for a time. Winds freshening during the day.

Maximum wind: East or SE 10 to 15mph increasing 25-30mph gusting 35-40mph by evening.

Chance of cloud-free hill tops above 600m: 80%

Low Cloud and visibility: Areas of cloud, base 400 to 600m, at times mainly in the east. Visibility very good, but poor in mist and very poor in fog and low cloud.

Temperature: **Valleys:** Zero Celsius rising to plus 12 Celsius
At 600m: Plus 2 Celsius becoming plus 6 Celsius
Freezing level: Mostly above the summits, but reaching the surface at lower levels at first.

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